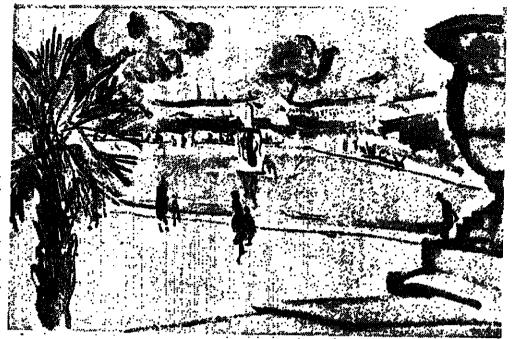
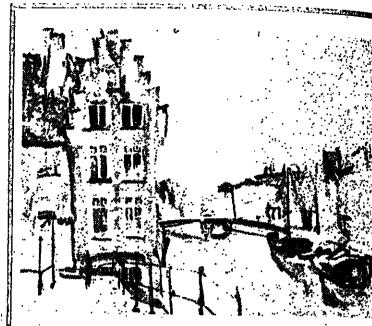
ROMANIAN NEWS











this page : The Livenburg Chrides and Amsterdam Ca-(top) : Munich and Veriles (middle, right) : Nerves, Rome scape; and 'Flowers' (middle, lieft) : Orionial Sirect (felicin)

Max W. Arnold (1807—1948) is one of the Romanian masters of modern watercolour, in whose creative evolution technique was extensively and thoroughly involved, attaining that perfection that enabled the artist — as a crific pointed out — to "transcribe emotion and optic impression without hesitation or obvious effort". Ports in Britany with saliboats and fishing boats anchored near the wharves, bridges stretching across the unsteady surface of the waters, the quays of the Scine or of the Thames, channels guarded by sumpiuous places reminding one of Venice's past glory — that is the imagery of his mature watercolours. It is supple and elegant, evolving with partioniar assurance lowards broad syntheses, purified and transfigured.

Water, to which the painter attaches the greatest importance in the organization of his works, becomes the main component of the landscape, all the other elements being ordered in accordance with this hierarchy, it stretches at the limit of an often high horizon and under its apparent molonlessness one guesses the forces of matter which give an impulse to the ferment hidden in its depihs. Above, human activity seems governed by the same quiet, corresponding to the inner rhythm deduced from the painter's synthetic vision.

The sky, the light, the air do not assume the appearance of atmospheric phenomena in the artist's point painter Nicolae Tenitza said that it was Arnold's great art, partiolipates in the architectural structuring of the painting. Sometimes with warm orbires and brilliant pinks as in the oriental landscapes, sometimes with warm orbires and brilliant pinks as in the oriental landscapes, sometimes with warm orbires and brilliant pinks as in the oriental landscapes, ight renders the touch of colour more sensitive and more nunneed. The work's musicality is also ensured by the artist's fine perception of this quality of light, not at all dramatic but calm, reposeful in its infinite cosmic dominion.

P. GEORGESCU

r. Georgescu







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ELEVENTH YEAR 24 (533) JUNE 17 16 PAGES — 3 LEI

THE PLANT AND THE PARTY OF THE

IN LINE WITH QUALITY AND EFFICIENCY DEMANDS

NICOLAE CEAUSESCUE VYORKING VESIT TO ECOMPONIC USIES IN OUT, THE ENDORMAND MADE CHEER FROM THE THEIR

The General Secretary of the Romanian Communist Party, Romania's President Nicolae Ceaușescu paid a working visit to industrial and forming units in the south of the country on

The axie and bogic manufacturing enterprise of Bals, a unit representative for the Romanian rolling stock industry staffed with almost 8,000 workers, and the sine farming unit of Redea, Off county, as well as the producer cooperative farms of Purant, Teleorman county, and of Clagareni, Gurgin county, were, seen count, in the town of Bals, President Nicotae Ceangeren analysed to-

Thursday, June 16.

re, seen round,
in the town of Buly, President
Nicolae Ceangesen analysed together with the managerial
statt, with experts and workers
the way in which production
activities are carried on, as well
as aspects related to the technical equipment of the enterprise and the quality of the
products turned out. During his
meeting with members of the
working people's conneil and of
the party committee of the enterprise, President Nicolae
Cesussen noted that the Bals
unit was well equipped, which
provides the possibility of oblaining superior results. He asked the managerial staff and
experts to take adequate measures for the elimination of
existing shortfalls and negative
states of affairs, for the efficient use of equipment and production capacities, and for a
growing quality of products.

In the farming units visited,
a survey was made of the stage
of barley harvesting, of the
measures taken for harvesting
wheat crops in time and without losses, and for properly
tending hord crops.

The three farming units have
already started harvesting barley, a crop which is expected to



yield larger outputs. For instance, at the Redea state agricultural enterprise, where 100 has are under barley, average production per hectare will be 8,300 kg. The wheat field also

looks good, an output of about 8,100 kg per hecture being estimated. The situation of Oit county's agriculture was assessed to be generally good.

At the Purant producer co-

operative farm, average barley production is put at 8,600 kg per hectare. This crop covers 85 ha there.
Finally, at the Calugarent pro-

was awarded the title of Hero of the New Agrarian Revolution for the results scored in maize growing last year, over 7,300 kg of barley pay hectare are expected to be harvested.

THE COUNTRY'S BIGGEST GARDEN



The specialisis in Romanian farm research institutes and stations develop new plant varieties and hybrids resistant to discases and posts, adapted to the specific cil-matic and soil conditions; which yield large, high-quality outputs, and diversity and im-prove crop technologies. These are research

targets set in accordance with the demands targets set in accordance with the semands of a modern, intensive-type agriculture.
On pages 6—7, two extensive reportages refer to the activity of the Institute of Research the Vegetable and Plywor Growing at Vidra and the Binessa Fruit Farming Research Station.

IMPROVING THE NEW ECONOMIC AND FINANCIAL **MECHANISM**

Among the numerous ideas solf orth in President Nice as Crausesou's exposition at the meeting of the Political Execulties Committee of the CO of the RCP at the end of April, bighly important are those referring to the need for improving and, thenly applying the new economic-financial, mechanism, based on the principles of worker settemangement and, self-administration.

Selling out from the dwarding surgesses accred in the decivity of implementing the five-year.

plan, but especially from the shorteenings and hardiships manifest in cartain reconomic sections, the Party General Secretary stressed that all these lags and such to the formal manner of working sometimes to the failure to carty out in time the measures apt to chairs the modernization and improvement of the wible solvers in first baside of production on a self-management.

A scientific symposium on the theme of Nicolae Compescu's Decisive Contribution to Workountry, of Strongthoning Developing Socialist Owner-ship, the Lasting Foundation of the Successful Building of Socialism and Communism in Roon Saturday, June 11, on the anniversary of four decades since the nationalization of the main production means in Ro-

under the aegis of the National Council for Science and Education by the Academy of the Socialist Republic of Romania, was attended by full and alternate members of the Excbullye Political Committee of the CC of the RCP, members of the CC of the RCP and of government, representatives of central institutions, mass and public organizations, parly and state activists, scientists, ar-tists and men of letters, execu-

tives of industrial enterprises, centrals and ministries, resear-chers, students, military, work-ing people from the Capital. Opening the proceedings, Constantin Olteanu, member of showed, among other things, that the refrespective of the de-cades which clapsed since that event highlights even more ob-viously the continuous and uni-tary character of the revolutio-nury process unfolded in Roma-pla, raised to a superior level by the decisive turning point achieved by the historic Ninth Parly Congress, which opened the most fruitful period in the Romanians' millenary existence.

Under the guidance of Nicolae Ceaussou's thought and action an intensive growth and mo-dernization rate is registered by the production forces, distribu-ted throughout the country in a rational and balanced manner, a process which, in the context of carrying out the wide-scope

takes on now political, economic and social qualities and significances. The stepped-up development of the production forces is accompanied by a continuous improvement in the social and production relationships, by the fulfilment on the principles of socialist eibles and equity, the development of the patriotic, revolutionary consciousness specific of the new clousness specific of the new man, builder of the new social

The great achievements seered in the years of socialism, especially after the Ninth RCF Congress, attest to the justness of the road chosen by the people, the solentific content of the pic, the solentific content of the policy conducted by the Party which is creditably fulfilling the mission it has assumed of guiding the work of socialist construction with the people, for the people

Delivering addresses were Manea Manescu, member of the Executive Political Committee of the CC of the RCP, Vice-PreSiefan Birica, alternate member of the Executive Political Com-nities of the CC of the RCP, Chatranan of the State Planning Committee: Emilian Dobrescu, minister secretary of state at the National Committee for Science and Technology; Barba Petresen, Deputy Prime Minister of the Government; Neculal Ibanescu, alternate member of the Executive Political Commit-

tee of the CC of the RCP, Deputy Prime Minister of the Government; Stefan Andrei, alternate member of the Executive Political Committee of the CC of the RCP, Deputy Prime CC of the RCP, Deputy Prime Minister of the Government. The papers referred to the conception of Nicolne Ceausescu, Party General Secretary, Romania's President on the country's socialist industrialization, the powerful development of the conductive conductive secretarialization. the powerful development of state and cooperatist property—the lasting base of the home-land's multilateral progress, of strengthening national independence and sovereignty; the elaboration of the original democratic system of managing and

planning the national economic defining and carrying out the mania's socioeconomic develor mania & socioeconomic develo-ment strategy at present and a future until the year 2001; the improvement of organization of particular and the modernization of particular to the state of th

and the modernization of he national economy, the saerito of science and education a fundamental factors in builds the multilaterally developed a claist society and Romania advance to communism; he creation and continuous improvoment of the broad democratic system of the working people participation — as owners as system of the working people participation — as owners, producers and end users — in an maging the society, in building socialism with the people as for the people; the substantion, claboration and improvement of the coonomic-liancial mechanisms, based on works are if—management, self-aggistmechanism, based on woke self-management, self-adoint-tration and self-financing; Bo-mania's more active and elec-tive participation in the inte-national division of labour, in the exchange of material mi spiritual assets among al-world states.

Among the fuctories built k Romania specialists abroad v

should mention those in Pale tan, Yugoslavia, Syria, Hunan

Algeria etc., has crected libbe technical dams and grand technical assistance in Algas

etc. The experience of the Rom

nian organization's speciale femonstrated along the years our homogrown energy indiry, enjoys great apprecialism

many countries. As a matter of fact, in the last few sen Romelectro has set up for

Romelectro has set up for-meritum— and high-tension occ-head electric times of 63, 13tal 230 kv (totalling some 2,600 ha and delivered electric culp-ment for 376 km of overkal electric lines (132—230 kr) b fran; some 700 km of electric lines (33 and 132 kv) in Jodan-some 1,000 km of electric lines (33 and 132 kv) in fraq; varies overhead electric lines exect-

(33 and 132 kv) in Iraq; varies overhead electric lines exerting 1,000 km in length for putners in Egypt, Lebanon, Malysia etc. Readles, the Romaniz firm has build hydrotechaid dums in Algeria, assembled bitter pipes for firms in West Germany, pipes for nuclear plant in Austria; delivered bunder of pillars (up to 100 m high is companies in Syria, Pakkia, Iraq, electric transformer all supply stations to Bangladeh, supply stations to Bangladeh.

ROMANIA IN THE WORLD O ROMANIA IN THE WORLD

installation, ensuring the full cupitalization of the raw male-

risis, the activement of high quality products, and the sub-stantial cut of specific raw ma-

Experts of the Romanian fo-reign trade enterprise Romelec-tro are currently engaged in various construction and assem-bly works in the power indus-

bly works in the power indusiry and in water supply engineering in various countries
among which tran, Jordan,
Egypt, the Yemen Poople's Demogratic Republic, Malaysia,
Sudau, Morcover, they have finished building a very high tension time (750 kv) counceting the
grids of the USSR, Romania and
Buigaria, a project of great
technical complexity.

The Romanian firm, which

The Romanian firm, which

POWER AND WATER SUPPLY

ENGINEERING WORKS

FRUITFUL ECONOMIC COOPERATION

ly more active part in the world economic flow, expanding broad commercial and economic co-operation relationships with approximately 150 states on all continents. In fact the activity of foreign trade and economic cooperation represents an offi-cient instrument of its multilateral development, a factor of botter turning to account its natural resources and manpower, contributing some 30 percents to the increase in the country's national Income.

Thanks to its constantly developed and upgraded (echnico-economic potential, Romania has been able to make an increasigly noteworthy appearan-on in the arena of world consently, Romania has cooperation relations with almost all its tra-do partners, this activity accounting for approximately one fourth of the country's exports, thus ensuring more than one fifth of the country's needs of raw materials. As a matter of fact, over the last two decades Romania has concluded more than 1,400 documents (accords, panyantians, as a) that the deciments (accords, conventions, a.s.o.) expanding and deepening economic and technico-acientific cooperation in various fields of activity.

The "Romanion Trade Forforms from construction of industrial and agricultural pro-jects and their turnkey delivery to execution of research work on the account and at the risk of the Romanian side, to ensuranco of technical assistance, to participation with shares in ominon investments or international consortiums for the iden-tification and capitalization of certain natural resources, to setting-up of joint manufacture and sale companies, banking companies, to training of apecialist staff, etc.

Since 1959 (when Romanian specialists built the first oil re-finery in the Indian locality of Gaulati, boasting an annual processing capacity of 769,000 tons) Romania has raised more than 130 economic projects incough cooperation, including oil refineries in India, Pakistan, Syria, Jordan and Turkey; aggregate works and chemical and appropriate works and chemical and processing the painters. petrochemical units for parinors in ludin, Iran, Syriz, Jordan, Turkey, Bgypi, Algeria, Guinoa, the Congo, Argentina, Ecuador, Brazil, Mcxico, the USSE, Czeshoclovakia, the Cont. America, Bulgarla and this DPH of Koslovnkia, the GDR, Albania rea; various unachine engineering, electronic and electrotechnical in Iron, Egypt, Chana, the USA. Canadia, Australia, Malaysia, the DPR of Korea; various fron and sicel enterprises (roll-mill, sicel works, ore slutering plants, etc.) in fran. Yugoshvis, Blozambique, Czecheslovakia, the DPR of Rorea and in other countries ; coment factories in Syria, Pakistan, Yugoslavin, People's China, Iraq and Egypt; pork and allfields lu Morocco, Iran and Senegal : wood pro-

cessing plants in Nigeria, the Central African Republic, Sri Lanka, many other projects in the field of energy, of the exiractive industry transport tele-communications, agriculture, the light industry and the food industry. For all these projects erociced together with the pariners themselves, Romania supplied its clients with studies, designs, technical documentaptied its cilcuts with studies, designs, technical documenta-tions, patents and know-how, other engineering and technical services, ousuring the necessary technical assistance for the erection, commissioning and exploitation of the production

Thousands of Romanian speclaities are presently carrying out their activity in scores of countries, especially in developing countries where they compiete new and important actions and designs projects of indus-irial cooperation and producti-on. At the same time, thousands

countries round off their train-ing in Romanian secondary and higher education, specializing in various jobs (engineers, doc-tors, professors). the same as many medical and teaching staff from Romania belo train national staff in various countries.
At the same time scores of thousand staff specializing in various fields have obtained their qualification in Romanian plants and factories.
At the same time Remania

takes part in the activity of 70 iakes part in the activity of 70 joint production and sale sociaties companies, banking companies carrying out their activity in many countries of the world (Great Britain, France, Austria, West Germany, Egypt, Spain, Israel, the USA. Lebanon, Libra. by a, Peru, etc.) as well as in Romania where are main-ly joint production companies (set up with Italian, Weat Ger-

TURNKEY UNITS IN THE CEMENT **INDUSTRY**

Through the intermediary of Uzinexportimport foreign trade company, Romania currently of-fers foreign partners a wide fers foreign partners a wide range of services in the cement industry field, the building of turnkey factories included, benefitting by modern technological times and having capacities between 800 and 4,000 tons of elinker per day, fitted with all the installations and technological equipment, measure and control apparatus, automation systems and other facilities required.

Remania's compatitiveness in

Romania's competitiveness in this realm is a consequence of the massive investments made in the domestic industry, espewhich have led to a sizable growth of production (the coungrowth of production (the country's current cement output is of about 11 million tens annually, being 2.5 times larger than in 1965), the modernization of manufacturing technologies the creation and powerful development of a domestic research and design base, of a specialized institute included.

Experies of the above-mentio-ned foreign trade company, of other specialist firms have built and delivered ions of turnkey units, as well as equipment, de-signs, technical documentation, engineering services, know-how-technical assistance; they have also ensured the solting into operation and running of the units, the training of personnel to operate them, and other services required by such a complex project. An eloquent proof, of Romania's export and cooperation potential in this realm is the fact that over the last two

decades alone Uzinexportimport has commissioned abroad 24 ocment factories including over 40 manufacturing technological liness, a remarkable performance if one takes into account the fact that the construction of such a factory generally last three years. These factories are equipped with eleterofiches. equipped with state-of-the-art

The Romanian firm, which specializes in suppling surveys and designs, growting technical assistance in construction and ascembly, and delivering technical endings, equipment and know-how in the power and hydrotechnical areas, including the turnkey delivery of projets in the above-puriforcal senters. Is turnkey delivery of projets in the above-mentioned sectors, is a cooperation partner increasingly sought after by foreign partners. Thus, Romelectro has supplied surveys and designs, and garanted tochnical assistance for the thermal electric power plants and theating plants in india, Egypt, the GDR, West Germany and Poople's China, has delivered and set up electric transformer stations and overhead electric lines for the transport of electricity in Morrocco, Kenya, Lebanon, Iran,

Iraq, electric transformer supply stations to Bangladen. Morocco, Yugoslavia, Syris, isdia, Iraq, Egypi, the Philiphines, Pakistan, Iran etc., as will as equipment for trolleral lines in the Colombian capital. 12. **34** 4 1

APPROACH TO THE MAJOR QUESTIONS OF THE CONTEMPORARY WORLD

the structures created and the

The exposition reasserts socia-list Romania's consistent policy concerning the consolidation of

enterring the consumment of its collaboration and solidarity with the developing countries in their struggle for strengthen-ing their sindependence, against imperialist and neocolonialist

domination. At the same time

domination. At the same time Romania pronounces constantly for the expansion of its relationships with the developed capitalist countries, in keeping with the demands of peaceful coexistence and with the norms and adjusted of interstate re-

and principles of interstate re-

intions.
Within this framework Roma-

nia pays special attention to developing international recon-

developing international economic ties, to promoting trade and cooperation with all states, as an objective must of general progress and, at the same time, as a contribution to the cause of detents and peace in the world. Unfortunately, reality shows that international economic ties and opportation confi-

shows that international economic ties and cooperation continue to be plagued by the persistance of artificial obstacles and harriers, of restrictive and discriminatory practices running counter to the interests of developing economic life on an international plane. Extremely proceed was in this respect

international plane. Extremely noxious was in this respect the anachronistic practice of political pressure and conditioning falling in line with the discredited policy of interference in the donestic affairs of other states. As far as it is concerned, Romania firmly declares against such practices tributary to the old way of thinking and acting in international life, it declares for equitable economic exchanges, freed from any interference, pressure or conditioning. For mutual advantages.

It is from this angle that Romania assesses also its coonomic relations with the United States of America—an issue approached during the resident.

sua approached during the re-cont meeting of President Nicolan Coansescu with a group

of American business

of American businessmen. Referring to the fact that over the last years the US administration has conditioned the maintonance of the most favoured nation clause upon the acceptance of requirements representing an interference in the country's domestic affairs. President Nicolae Ceausescu underlined resolutely that Romania has never yielded to any kind of pressure. Romania pronounces for the development of its ceonomic ties with the United States, for the intensification of

nomic ties with the oritical sie-tes, for the intensification of its efforts with a view to main-laining the most favoured na-tion clause by both sides, for

the prevention of any barries

from opposing a truly equilable

Today it can be assessed that

the entire evolution of interna-

Honal life claims the imperative

of laying the principles of equ

alify, observance of national in-

depondence and covereigniy

and mutually rewarding com

merce.

The theses and ideas formulated in President Nicolae Ceausescu's exposition delivered as part of the meeting of the Executive Political Committee Executive Political Committee approach recent international developments, making deep-going solentific analyses and suggesting ways of action regarding the major questions facing masked today, in keeping with revolutionary process and the consolidation of peace interna-

Falling in this line is the enfire international policy and ac-fivity of the Romanian party and state: life, international developments fully validate the justness of the principled orientations and stands underlying

As is known, the Romanian Communist Party, socialist Ro-mania attach special importan-co to the expansion of friendco to the expansion of friend-ship and collaboration with all socialist countries, a program-matic orientation defining the cuits Romanian foreign policy. Farls attest to the exemplary, steadiast consistence with which the RCP and Romania have ac-fed in this general story, the ted in this sense along the years. Romania's own example of expanding its relations with all socialist countries — the So-vici Union and the other Eurorei Union and the other European socialist states. People's China and the other Asian socialist states, the Ropublic of Cuba — ranks as a major contribution to the cause of friendship and unity between the socialist countries in the aggregate.

This orientation is vigorously reaffirmed in the exposition, with stress falling on the need to take further action for consolidating the socialist countries' unity as an essential requ'rement for successfully building the new system in every country, for increasing the force of attraction and the prestige of socialism in the world. Itelerring to the experience of socialist construction in Romania, institute to other countries' experience, President Nicolae Ceausescu highlights the historical legitimacy of socialism, the achievements scored convincingly demonstrating the superiority of the system which has once and for all liquidated the exploitation and oppression of man by man; through its entire evolution socialism bulids mankind's present and future, the only alternative for the peoples free development. This evicutation is vicerously peoples' free development.

Highly important is the auproach to specific questions re-lated to the building of the new system. In this respect, settling off from the truth that social-ism, just like any system, has its objective laws, the Party Ge-neral Secretary analyzes cer-tain aspects of the concern with improving the forms and me-thods of socialist construction, a topical concern, in one form or another, in every socialist coun-ity. The exposition thus sheds light on the direct relationship between the direct relationship light on the direct relationship between the diversity of conditions of building the new system — which implies a creative activity in keeping with the concrete historical conditions specific to each country, as well as with the requirements of each tag forms and methods of action. Hence the truth that there is and there can be no unique "recipe", with general-compulsory applicability, for socialist construction, the same compulsory "recipe" for jupreding the forms and methods of secialist construction, the same compulsory "recipe" for jupreding the forms and methods of secialist construction, in fact, rocklist construction. In fact, nor are the problems the same everywhere - in different couniries progress and successes have been obtained in different fields, in certain countries solutions were adopted oarlier, in others, different experiments

noninterforence in the domestic affairs of other states and mu-tual advantage at the founda-tion of interstate relationships. Particularly under these circumwould be quite unnatural to "decree" a unique model of setion with the value of a stand-ard. In order to build the new ard. In order to build the new system, successfully every party in its own country is entitled to apply in a creative way the objective laws and the principles of scientific socialism to the specific conditions and realities, to adopt the methods and ways of action it considers to be best suited. After the Ninth RCP Congress, the Romanian Communist Party adonled stances, when serious and com-plex issues are at stake in in-ternational life, when world prace is constantly threatened peace is constantly threatened as a consequence of the arms race, of the nuclear one in the main, of the persistence of hot-beds of tension, the observance of the norms of international law, of the new interstate prin-ciples is a primordial condition as the sole guarantee of peace and security throughout the nian Communist Party adopted a number of measures of great importance pursuing the improvement of the managing, planand security throughout the vement of the managing, pian-ning and organizational activity and set up a large system of bodies of socialist revolutionary democracy, so that Romania does not face today any prob-lem in this field and can fo-cus on the semeoth running of The exposition highlights the necessity of stepping up the ef-

noteesity of stephing up the ef-forts of all the advanced for-ors for the implementation of disarmament, first of all of nuclear disarmament, for the de-finite elimination of nuclear weapons, for conventional dis-armament and the reduction of military spending, for the ensurance of the peoples' supreme right to life, to a free and independent existence - the fundamental problem of our times.

Afghanistan, Nieuragua, Kampuchea — on which Romania adopted a principled stance from the very beginning, from which it has never deviated and whose righteousness has been fully sanctioned by life. The developments occurring in those regions have proved the topicality of the Marxist thesis regarding the inadmissibility of imposing from outside certain forms of seedal organization, of exporting revolution as well as counterrevolution. Such attempts have caused serious prejudices.

counterrevolution, such attempts have caused serious prejudices, inflicting huge damage and suffering on the respective people. Life itself hus proved that solidacity cannot mean military intervention. In the light of the releasting these convenient the scientific thesis concerning the role of the mosses, of the pro-plet as true makers of history. It is necessary to give up defi-altely any outside interference. The exposition shows that in fact the principle of noninter-ference in domestic affairs is now one of the essential imperatives of international life both for quenching hotbeds an I avolding new ones and for devetoning normal Interstate reintions, for the ensurance of prace. Also important is the kleathat the elimination of any interference in the domestic affairs of other peoples is a contponent of the new way of thinking which should start from the unabated observance of each

In the conception of President Nicolae Ceausescut on the ne-cessity of a new approach of the problematique of the con-temporary world, an important place is held by the issue of seitling conflictual situations, interstate disputes solely by po-lition means through prografia-

illical means, through negotia-tions. In this respect, the expo-sition tackles problems contern-ing the conflictual situations of Afghanistan, Nicaragua, Kampu-

people's right to independence, to a free development, accord-ing to its own national aspira-

ROMANIAN NEWS

The theses reasser the consistent policy of the Romanian Communist Party concorning the consolidation of its solidarity with all the advanced forces of with all the advanced forces of the contemporary world. The concept of solidarity defined by the Parly General Secretary is one of broad openness, allen to any limitation, including solida-rity with all communist and worker parties, with socialist and social-democratic parties, with other democratic and pro-gressive parties, with all for-ces pronouncing for a policy ces pronouncing for a policy of peace, freedom and independence, for the progress of the whole of mankind.

In the spirit of the same high responsibility for the destines of humanity, President Nicolae Ceausescu restated socialist Romania's stance on the baucy famania's stance on the issuer facing the world economy — the question of plugging the gaps yawning between states and liquidating underdevelopment — revealing the need of a more statuined support for the developing nations, for setting these issues, for building a new world economic order ensuring the progress of all peoples. the progress of all peoples.

Through the ideas and these formulated, through the measures proposed for the construc-tive settlement of the major is-sues of the contemporary world in the interest of all peoples, the exposition offers optimistic prospects for the evolution of international life. An optimism through the concerted effort of all advanced forces, of the peoples everywhere it is possible to ensure the democratic development of mankind, the triumph of peace and progress on earth-

IMPROVING THE NEW ECONOMIC AND FINANCIAL MECHANISM

tion and self-financing, with

overything they presuppose.
With a view to completely climinating negative states of affairs and ensuring the adequate fulfillment of the counterly. fulfilment of the country's 50-clocconomic development plans and programmes, the entire working personnel must better understand all these questions concerning the transition to in-tensive development in all sectors. Consequently, a more thorough analysis of work should be done, a clearcut disshould be done a createst estimated should be made between individual and collective reaponsibility, criticism and solf-criticism should be more firmly used, greater attention should nsed, greater attention anound be paid to order and working discipline, therefore a more efficient use should be made of the existing broad democratic system which in nearly 20 years has fully proved its correctness and superiority.

Special attention should be paid to the proper activity of industrial courals and enter-prison, all reserve in working out development plans should be eliminated, and the need should always be taken into account for fully using produc-tion facilities, the technicu-mation facilities, the icelinicu-material base, the existing labour force, which is the decisive factor of development. In the activity of increasing the role of centrals and enterprises—the exposition pointed out—expectal stress should be placed on developing the emulative, competitive apirit, doing away with informity and anonymity in brider to stimulate authentic value, creativeness and inventiveness. Everything that is underlain by those fundamental criteries of production—high quality and efficiency.

quality and efficiency.

Itenes the need for measures booting labour productivity out the back of a scientific organization of work in enterprises, of the production process, of mechanization, automation and robotization. Although Romania is in the third year since the adoption of the programmes of organization and moderniza-

tion of production, the achievement; scored are not commen-surate with the conditions created, with the importance that must be attached to this that must be attached to this activity; in some units efforts any being concentrated only on solving some simple questions, while basic measures, important lasks are neglected without reason. That is why, starting from the guidelines set for the intensive development of industrial, agricultural and other activities, the expection dwelt on the necessity of superiorly on the necessity of superiorly capitalizing materials, the entire technical base at our disposal,

for the same amount of raw majerials to produce ever grea-ter values on a par with those recorded in economically ad-vanced countries. To take end intensified efforts must be intensified towards improving the quality and raising the technical level of products. Only through qualified work, the firm application of the new technico-scien-tille revolution, of the agrarian revolution will we be able to ensure the superior capitaliza-tion of the material and human potential, the consolidation of the prestige won by the Roma-nian economy at a world level.

Romania has today a good nomic-tinancial measures of normalizing expenses and the circulating funds. Based on the application of this pergramme, an increased efficiency and profitability must be ensured to the entire activity. But and profitability mass content from to the entire activity. But the measures adopted are not firmly applied, a stundon proved by the bit redundant production stocks registered. An adequate management of the centrals, the cuterprises economic activity must act for the reduction of these stocks, to ensure a normal financial activity and create payment means uccessory to production. In fact, President Micotae Ceauseson asked that until the end of the first semester til stocks of export products should be entirely itsulated through the delivery of the goods produced, according to law provisions.

The Party Ceneral Societary especially insisted upon adopting measures with a right to

economy. In general, these measures have in view climination of non-profitable products. In certain cases, when prices did not take into consideration the existing reality, improve-ments must be made by the introduction of order and the adoption of the principles of self-management and self-administration everywhere. For the further reduction of costs, material consumptions, of bour and general expenditures, continuous preoccupations are necessary for the improvement of the price system in all sec-tors, in the domain of public services and in cooperatives too.

Another important matter insistently taken up by the Party Cioneral Secretary is that of fulfilling export provisions. The motivation of this repeated emphasis is given by the importance of the foreign trade activity in the development of the Romanian economy. Practi-cally, at this time there are sufficient orders for the carrying sufficient orders for the carrying out in good conditions of the bian. Therefore a permanent outruraling of at least 15 days is needed in the export production, as well as higher quality of the whole volume of goods fabricated. During the next sometimes arisen must be taken for the conclusion of contracts for 1989.

or mes.
President Nicolae Ceausescu
istressed in his exposition
that the new economic-financial mechanism, the principles of self-management and self-ad-ministration will hear fruit only through the manifedation of a more prenounced responsibility by each person in part, of an increased efficiency in solving the lasks, the complex problems of the cooncey, in strengtheof the economy, in strengthening order and discipling. The implementation of programmes and development plans decisively depends on the good impelioning of collective management builts, on the active way in which each person indecisioning to beneficially in the solivity of carrying out the provisions, and decisions of the Chiteconia Congress and Na-Honst Congress and Na-Honst Congress the party.

A NAME IN THE CONSTELLATION OF ROMANIAN TOWNS

manian cities. It covers more than 58 sq. km with its approximately 300,000 inhabitants. From the point of view of its economic potential, the capital oity of Romanian oil (as Ploiesil is currently dubbed) also ranks high : it has two of the largest petrorhemical works in the country, the biggest oil equipment plant as well as scores of industrial

units, many of them of national importance. A state theatre, a philiarmoule, houses of culture, an state theatre, a philliarmonic, houses of culture, an institute of higher technical education, scores of schools and high schools, hundreds of cluba, libraries, museums, memorial houses and exhibitions, over 2,000 vocal and instrumental groups, ensembles and creation shops make up the cultural and artistic patrimony of the municipality lying 60 km north of Bucharest.

A STANDARD UNIT

1 Mai is an industrial colusius. I Mai is an industrial colassus. Prescally, it is rightly considered the "flag ship" of the Romanian oil equipment industry. It involves the efforts of over 16,000 workers, as against 50 workers registered eight decades ago. In 1008, when it was set up as a modest workshop, the unit repaired tools used by the oil as a modest workshop, the unit repaired tools used by the oil industry. The increase in the country's oil output brought about a step-wise expansion of the old shop. The Second World War inflicted great damage on

In the postwar period the plant was rebuilt, developed and updated. Beside accessuries and space parts, the unit started to manufacture the first drilling installations. Every year the production list diversified; next to drilling installations, the plant assimilated and introduced on the production line other machine tools and complex components used in identifying and turning to account bluck gold.

During this interval the Ploiesil enterprise has gone through successive expansions and modernizations. In 1965. there were more than 7,000 workers, engineers and techniclaus in the enterprise. After that year the enterprises manufacturing list was rapidly enlarged; new well drilling quipment was designed and put into mass production, having superior technical characteristics, higher performances and drill to depths of 8,000-10,700 metres. The current production of the enterprise includes no fewer than 10 types of drilling installations and other equipment used in oil explorati on and exploitation. Also here, the workers' inventiveness has led to the designing and manufacture of a whole range of equipment for the whole process of drilling oil wells: drilling bits (in a diversity of constructional variants and with multiple utilizations in hard and very hard layers), blowout preventers, comenting unlis, mud pumps, swivels, winches and many other high-performance units.

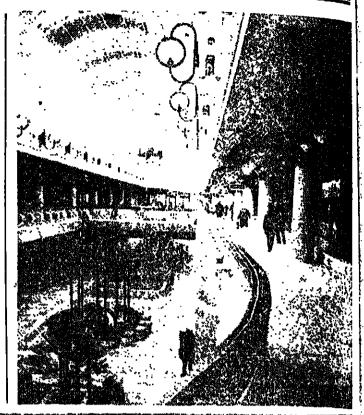
Here are a few cloquent figures regarding the development and updating stages that have been covered by the 1 Mai enterprise in Platești. Compared to 1965, the current production volume is 4.8 times larger ; ta-

bour productivity has grown nearly seven times, while pra-duction costs have been cut more than 50 times.

It can be safely said that the fame enjoyed and the place beld by Remania in world elifield equipment production and experts (third and second place. respectively) are connected with the 1 Mol enterprise in Piolesti. Foreign sales of oilfield instal-

lations and equipment bearing the trademark of this unit have grown over seven times in the mentioned interval, these pro-ducts being known to and de-manded by oil companies in dezent of countries on all cou-

embarked on a new and inte-resting production phase; the manufacture of mining installations and equipment, installa-tions for offshore drilling plat-forms, and high-precision, highly efficient machine tools.





Oli installations and equipment, installations for heavy water, for nuclear-electric plants, for the chemical industry as well as chemical and potrochemical products, of the light and food industries, household appliances, building materials are produced in Piologii.

Piolesti city has an important share in the country's export, its products being delivered to 65 states in the world. High tech installations are exported: oil, technological equipment, heavy duty bearings, chemical and petrochemical products, goods for industrial consumption.

In the last two decades, more than 19,000 apartments have been built in Piolesti. Almost 75 percent of the municipality's population lives in new homes.

The city has 70 commerciar units; schools with 480 classrooms, 500 school workshops and labs; creches and
kindergariens for 5,300 children, hospitals with 1,500 beds;
a Trade, Union House of Culture; a multipurpose sports hall;

an artificial ekating rink; hotels, etc.

The Old and Gas Institute in Ploiegii (the only one of the kind in the country) prepares engineers specialized in: oil and gas well drilling and exploitation; technological equipment and the technology of oil chemicalization and oil chemistry, technological engineers for chemical equipment and petrochemistry, and technological electromechanics.

PALACES AND MUSEUMS

Undoubtedly, the Culture Palace in Piolesti is a monu-mental building arousing the visitors' admiration. Built some 70 years ago, the establishment discrees its name of institution among institutions. Because many institutions carry out their activity here: the "Nicolac lorga" county library, the branch of the Plastle Artists' Union, museums, the acquarium section of the Prahova museum complex, the popular art school. the municipal House of Culture, the county centre for guiding folk creation and the mass artistic movement, the town's radio-relay station.

The action of capitalizing the past is also found in the lower museums. Almost all of these have a local specific character a proof that the town was and will remain a steadlest sattherough endural settlement. The Art Museum, the History and Archaeology Museum, the History and Archaeology Museum, the Filter of the Art Museum and the Reservance of Museum or fertile victions, Romanian or fertile passing through Piciestic cases avoid. Very interesting as temporary exhibitions impressing through reservance of the museum and the reservance of the museum and the servance of the se

THE TOWN OF LITERARY ARTISTIC **FESTIVALS**

The town with a predominant aconomic trait (it is one of the most industrialized urban centres in Romania) has also a rich spiritual life. Just a simple enumeration of several cultural-literary-artistic events, which have become traditional in the stadle of the Romanian oll industry can enlighten the reader or visitor: "The Days of Nicolae lorga Library". "Fractions Treasure", "When the Chestauts Bloom" "The Days of Romanian Toothy"; "Nichtia

Top: Interide of the Com-mercial Calleries; centre: a new architectural style; bot-tom; in a laboratory of the Oil and Gas Institute

Stäneseu" (after the name of the great poet, horn in the two great poet, horn in the foundation of the photograph of the great poet, and interpretation to Interpretation to Interpretation to Interpretation to Interpretation to Interpretation of the store philosophing well known and specialist well known and specialist well known and specialist well known and specialist will carried out by the light of sulture, slubs, and light of sulture, slubs, and light feel, the over 2 due to the store the least two great preters and groups arked the protess and groups arked the protess arke

COMPLEX ENGINEERING OF THE RIVER DÎMBOVITA

In the 5 km Vitan-Popesti-Leordeni section of the Dimbovita, work has been completed on the waste welr located on the loft bank of the river. The welr into which major sewers and river waters are discharged, has three outlets, 4.50 × 4 m cach, and a 1.3 × 3 m urban drain. Downstream of the Popesti hydrotechnical structure, the waste welr between cilina and Popesti is about to be completed. The collecting structure there, sited on the right bank of the river, is to link that structure to the future water treatment plant at Glina, now under construction.

construction.

The builders have begun to engineer the river bed which will be 40 m wide and some 4 m deep. Work has playled on the future Väcarești lake which will cover 155 ha and will have a volume of water of 10 million ou.m., which will rank it as

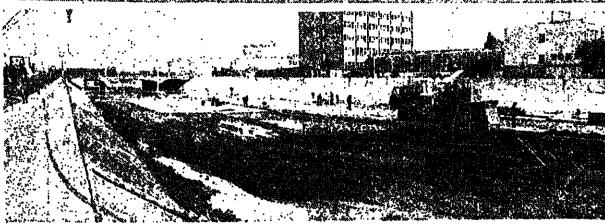
COMPUTER STUDIO

Recently, the computer office of Satu Mare county
enterprise of Industrial output and services has set up
a Computer Studio, aimed at
attracting as many children,
jouths and adults as possible
with a view to helping them
acquire the technique of using computers. This new
type of service in the field
of informatics offers everyone the possibility of attending initiation and development courses in using comment courses in using com-puters as well as crash coursee for the usage of semi-professional and didactic



INTENSE PORT TRAFFIC

The seven port exploitation enterprises in Constanta have topped traffic plan provisions by 700,000 tons since the beginning of this year. Nearly 60 Romanian and foreign ships are now being loaded or unbaded in the Constanta port's berths. Many of them will take on board rolled goods, cars, industrial equipment, whidow glass and other Romanian export-bound merchandian.



THE FIRST FAMILY OF MULTISPINDLE **AUTOMATIC LATHES**

A complex machine-tool — "SAM-200/8M" multispindidate automatic lathe, designed by the Tirgoviyte branch of the work position with a tolerance of only 3 microns of the Institute for Scientific Research and Technological Engineering for Machine Tools in Bucharest was recently produced under the trade mark of the young Heavy Equipment Enterprise told us, this new produce is included among the few multispindic lathe producers in the world. A whole family of such machine meant for calova. The machine has six working positions with mandrel connection and can process parts with diameters up to 200 mm. The most complex variant was also obtained — with kine-



COMPETITIVE MUSICAL INSTRUMENTS

The well-known enterpri se of musical instruments of Reghin (Romania) which ex-ports its products to over 30 ports its products to over 30 countries, deviced a new technology improving the resonance of cello, double bass, guitar and other string instruments. The "classic", massive resonance wood has been replaced with overlaid veneers of different essenten; spruce fir, maple, etc. The sonorous qualities of instruments are not diminished, yet in exchange, they slied, yet in exchange, they have a greater reliability. Moreover, full resonance wood is eaved and sculpture-finishing bandwork is cut back to half. (Photo loft)

FOUR TIMES FASTER

A new concrete pouring method has successfully been used in building the dam of the Vadent hydroplant belonging to the string of hydropower plants that are being erected along the upper Jiu; the pouring of rolled concrete foundations. The method, authored by specialists of the Bucharest Institute of Hydropower Studies and Researches, consists in placing almost dry concrete layers, spreading them with bulldozers and immediately compacting them with special equipment. Its application has increased execution speed four times—compared to the conventional method, completely eliminated casings and cooling installations, and out coment consumption.



In the children's rest centre of Navodari, lying on the Black Sea const, the first guesta of the current attentor season have already arrived to spund their holidays simost 3,040 children. This year the adominostation areas have been expended by \$44-biaces in the Plonigni camp and by \$80 in the Cutexhoril camp. At the same lime built were now abopelus centres and aports grounds bestigs, over \$08,040 flowers, trees and deorating bushes have been blanted. (Photo above)

INFORMATICS AND MANAGEMENT

A symposium eniiiled "Informatics
and Management
— CONDINF '88" was
staged at Cluj-Napoca
under the aegis of the
national council of engiacers and technicians. It
was attended by researchers, designers, specialists ers, designors, specialisis in the field of informatics and computer technology from every corner of the country. Many papers approached the contribution of informatics in the second proached the contribution of informatics to the realization of programmes improving organization and updating production, increasing labour productivity, raising the technical and qualitative standard of products, turning to better account material. and energy resources. The thomes of the event included also achievements and preceding the computer aided to the computer aided research and design activity of modelling and improving economic processes, technology, the usage of personal computers, as well as problems concerning the moulding and improvement of the staff working in informatics.

As park of the sympo-

As part of the sympo-clum, an exhibition was oponed compiliting crea-itous corresentative of Romanian computer took pology and information

visiors.

30,000 roses of different varieties meet the callers at the entrance. Then, on the central plateau, a large variety of plants are concentrated in a small area. Flower stands, planted with petunias of various colours surround the two pools, in the central of which there are more flower stands. Displayed between the two pools are the recent activerments of the researches conducted in the public estate helbouses as well as various acquisitions from private collectors. A highlight of the exhibition is the stand of cut flowers where decorators surpassed themselves in creating remarkable arrangements. The second pavilion, another attraction, shellers some 20–25,000 roses. Displayed on the terraces are percential plants of all nuances, from pale pink to intense blue. Then contes the area hand with annual plants, begonias and dahlids.

In the Roses Island, the rose is obviously the left-motif, be admired.

The summer edition of Exposiors 1935 also afforded specialisis, researchers from specialised institutes and lated to the expansion of green spots in Bucharest, to the influence of pedal-limitic factors on arbain vegetation. ROMANIAN NEWS

EXPOFLORA '88

The summer edition of the traditional flower display organized in Herdsiräu Park of Bucharesi has been opened recently.

Illiphy expressive, righly coloured flower arrangements, such as the first particular and the first particular arrangements.

such as the two carpois at the park's entrance or the emblen and poster of the exhibition, achieved through flower plantations on the vertical, await beauty-loving

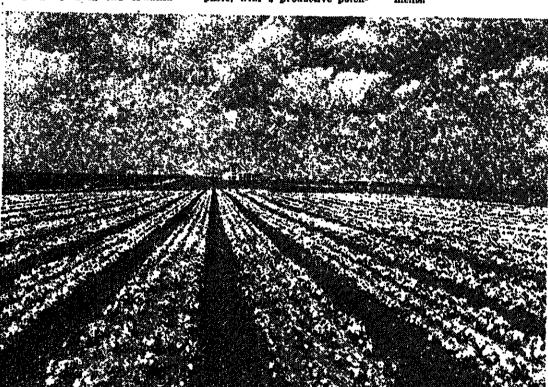
Villages where gardening is a traditional occupation can be found south of Bucharest. Producers with fresh fruits and vegetables go from here to market places in the Capital and other towns in the country. Especially Vidra gardeners are well known for their skill, it is not by chance

there in 1967. The gardening experience of the inhabitants of the village on the Sabar river banks was useful as a starting point in the competition for bigger crops. Even the land used by generations of vegetable growers ensured the application of adequate technologies from the very beginning. Thus, more than two decades ago, Vidra that the Research Institute for Vegetable Thus, more than two decades ago, to Growing and Floriculture was founded became the country's first big garden.

HIGHLY PRODUCTIVE VARIETIES

A continuous struggle is carried out at Vidra in order to increase the plants' productive potential. A lot of perseverance is hidden in the success of homologating new varieties. Years of researches bring to light, out of millions of seeds, they seeds carrying the germs of a new carrying the germs of a new plant or, as the specialty language puls it, the combina-

oultivation. One of them is the Unirea mixed variety for industrialization and consumption, with a production of 80 tons per hectare. Another variety Romes 554 created only for industrialization with the jointless gene, ensures picking without stem and therefore the obtaining of a superior quality paste, with a productive potenvariety, rich in sugar, resistant, whose fruits can weigh as much as 300 grams each, has a productive potential of more than 40 tons per hectare. The peavarieties having great genetic resistance in winter, the okranicion and bean varieties round off the picture of Romantan vegetable growers' achievements.



tion of valuable characteristics into the same genetype. In the last years, variety series were homologated for almost all vegetables at the Research Institute for Vegetable Growing and Floriculture. They were included in specialty catalogs but did not stop at that stage. In a relatively short period, they were generalized in production. Valuable orcalions were obtained for (oorcalions were obtained for to-matees, plants occupying the biggest area meant for vegetable

tial of 80 tons per hectare. The Laura variety, having a productive potential of 110 t per hectare, has been created to be consumed fresh. The Cosmin, Aroma, Municula and Mihaela varieties of green pepper, another plant growing over large aross have been generalized in recent years. They are characterized by a thick, soft puip and pleasant taste. Particularly valuable are the new capsicum varieties. The Titan

FOR A CONSTANT BIOLOGICAL VALUE

A licality fruit is a true victory. For this victory to be repeated with millions of fruits, a vast activity is carried on at the with a high biological purity vast activity is carried on at the Vidra Research Institute for Vegetable Growing and Horticulture to maintain the blookeal value and productive capacity of these varieties. This is in fact the sector that holds the main place in the institute's activity. This large garden supplies seeds to all the country's vegetable growers. The head of the seed producing laboratory, engineer Cornel Poates, synthesized its concerns for its: Every year, the Vidra Institute carefully and responsibly prepares the seeds for the future crops, Recently, now conservative selection schemes have been worked out based on the utilization of selection selection and the utilization of selections.

Images from the laboratories and experimental plots of the research institute of Vidra. Page 7, bentre 1 autoratory of the Mogoscial furn specialized in musicoom growing.

77 i 71 i

result in the production of sceds with a high blological purity and higher physical indicators. To this end, a programme of improving seed quality has been worked out for most species, aimed at halling the production of biologically low-quality seeds (second multiplication). This programme ensures the maintenance of the parental lines of vogotable hybrids, taking into account the genetic drift.

In this large seed producing institute, researches have also been directed towards the improvement of production decinologies. For instance, new technologies have been developed for the production of early eablished, onton, curret, radish and caudiflever seeds, and this year the new technologies for garden beans are being tested. From the certain of storing conditions insintaling the seeds vigous to the duration of their germinative faculties, the acea of the institutes pursuits fovers as important wolume of researches.





The specialists of the central station for soil crosion control research of Pericul-Vastul devised a sowing machine for arable land with a stope of five per cent which, thanks to an exciliating bar, observes the sowing dephts recommended by agronomists. The sowing machine is of the "carried by tractor" type, being able to perform concomitantly sowing at a depth of 4-8 cm and distribute fertilizers to a depth of 0-15 cm. The new machine tent can be adjusted to the existing speciality for weeding growths.

Until the end of this decade Romania's vegetable product on It expected to reach 12 million ions. Directly committing itself to this goal, the Research Institute for Vegetable Grawing and Horticulture has set out to

confineering methods, to farbe the stady of genetic, physiological and biochemical mechanics which determine the plant quantitative and qualitative characteristics and to impose the methods of developing the getable varieties and hybrids. The eight programmes workdout by speedes and groups of species aim to oreste new bight productive varieties and hybrids, to increase their restaures to discases, their qualities of discases, their qualities of discases, their qualities of the productive varieties are stock by early, successive as associated crops, to optimize for tillization, reduce fuel controls a permanent dialogue betwith similar research institute of ducies a permanent dialogue betwith similar research institute, offered us a conclusive data on the permanent of this exchanges of publications with institute, offered us a conclusive data on the permanent of this exchanges of publications sin almost one hundred similar research institutes. In the world it is an exchange of informatic on fuel preliminary saids or fuel preliminary saids on fuel preliminary saids on research alroady concision or just preliminary sindle or just preliminary sindle which are extremely useful because thus we can compare or performances with those chined by countries bosating lest traditions in growing regulational time and time we have research programmes with similar institutes in the USER, Czeche in the USER, Cz

reations rips in the property of the property

A FASCINATING UNIVERSE

In the opulence of every fall one can find the work and diligence of vegetable growers, of all those working in this field. Sowing and transplanting, harvesing and selling farm goods to consumers are singes of a work reflected in the quantities of vegetables marketed. Less is known about what is actually done during each of these singes to record a trully abundant crop. An excursion into the laboratories of the institute of research into vegetable—and flower-growing opened for us the gates to a fascinating universe.

At the laboratory of agrochemistry, blochemistry and physiology researcher Victor Leestus supplied us with a few,

pesis is another vasi field of research in which the institute specialists can display remarkable achievements. An important step in this direction was made by approaching blological control of plant pesis. The elaboration of the technology of launching a wasp called trychograma evanescens, the artificial growth and stocking of two species of insects — coccincila septempunctum and adonia vagrowth and stocking of two spe-des of insects — coccincila septempunctulu and adenia va-riegati — are fertile directions of action of the institute's ento-mologies. Schemes for the inte-grated control of pathogenic agents and growth posts aim at curtailing the number of che-mical treatments and dimi-nishing the pollution of environ-



exiremely interesting data. Ogee more, interdisciplinary collaboration, is to be found in the resurts of this laboratory. Proposing themselves to work out mathematical models calculating doses of fodder and irrigation norms, researchers will soon be able to offer vegetable growers a precious guide to the rate of frowth and development of plants depending on the quantity of water and the nourishing elemonis existing in soil. As part of the collaboration with the institute of Meteorology and Hydrology specialists plan to draw up a model simulating plant growing on the computer. The model will help forceast the orolation of a culture in a certain coosystem and, naturally, the measures required in the event of a climatic accident. Plant protection against many extremely interesting data. O see

chie residues.

A team of researchers from the institute deal with flower growing, Aunually, this compartment delivers 60—70 kg of seed and more than 4,000 bulbs of inips. On its parcels, the institute grows 240 species and types in perennial and annual collections, 80 types of tulips, 160 types of roses, field flowers, ornamental graminaceaea. Which means that part of the beauty of parks, and green spots is begotten hore, in the laboratories and gardens of Vidra. For its achievements, the institute received a prize at a contest of Romanian flower growers cal-

ment and vegetables with pesit-

Romanian flower growers cal-led "The Symphony of Tulips", annually staged by Pitesti mu-nicipality.

MARILENA TUTILA E

ROMANIAN NEWS

HIGH-PERFORMANCE TREE GROWING

A true campaign in tree grow-ing is being conducted in many countries of the world at per-sent for ensuring the high qua-lity of the existing tree varie-ties and for developing new varieties, boasting special pro-perties. Genetics, physiology, pathology, biophysics, biorhe-mistry are intensely enthalora-ting on shaping the desired bin-ingleal material, in this context, in Romania multidisciplinary entierties of specialists are A true campaign in tree growcontectives of specialists are translating into fact the provi-sions of the national fruit facts ing development programme in-vestigating the tree patrimony in laboratories, with test tubes in laboratories, with test tubes and interascopes, and on the research plots, and looking for recipes for truits with optimum natural properties. One of these tireless researchers, producers and suppliers of valuable free material is the fruit farming research and production station at Baneasa near Buchares!

Placing at the researchers' disposal 62 ha of tree planta-tions, the station specializes in apricot and peach because of the pedcellmatic factors favourthe pedoclimatic factors favour-albe to these two thermophile species offered by the area. The sun- and heat-loving apricol and peach let themselves be ex-plored here, in exchange of the researchers' efforts, yielding rich fruit with valuable properties. Five apricot varieties and five peach ones have been ho-mologated at Bancasa, their creators being scientific re-searchers Viorica Balan and Anionia Ivașcu.

Native to Central Asia, the

aprical has been cultivated in Europe and probably in Romania too for more than 2,000 years, during which it has stood many ted of nature. For instance, the winter of 1933 destroyed 37 per cent of the flower buds of the apricot varieties under cultivation at that time. That sad experience proved once again that this sensitive fruit tree had to be prepared to resist inclement weather. The new varieties bomologated in 1981–1985 at Baheasa – Baheasa Red, Comander, Olimp, Favorit and Excelsive – were first put to the test in 1983 when they registered the smallest lowers, while tes; in 1985 when they registered the smallest locals. While 75—100 per cent of the buds of other apricol varieties were destroyed in the 20 winter days with —20 C and lower lemorratures: Hāncasa Red — 82 per cent, Olimp — 46 per cent; Comandor — 17 per cent; Favorit — 18 per cent, Excelsior — 15 per cent. The high sugar and Vitamin C content, the balance between sugar and acldity are other special qualities of these new apricot varieties.

New varieties of peaches have also been developed. Over 1985-1987 five varieties of des-1985—1987 five varieties of des-sert peaches were homologated at the Bâneasa fruit farming research and production station: Triumf, Victoria, Congres, Su-perba de toamna and Spiendid. The new peach varieties, which are intensively cultivated, are highly productive and their fruits have remarkable organo-leptic qualities. Alongside the apricols, the new peach varie-ties went through the difficult January-March 1987 period January-March 1987 period

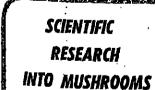
without great losses, yielding satisfactory outputs.

The newly developed indigenous applied and peach varieties are highly resistant to disease; and peach selected and peach varieties health and disease—and postrewistance is in fact a major concern of the Bahacas Station.

"The new apriest varieties parsed the difficult test of the period when the Monita loss and Unsterosportum carpophilum fungt strongly attacked them, demonstrating great resistance and requiring few chemical treatments", said researcher Vibrica Balan with the loy of a physician who has healthy patients. Let us also add that the fruite produced are first quality. The ten varieties of aprients and 60-70 kg/tree with aprients and 60-70 kg/tree with patients. Let us also add that the fruite produced are first quality. The ten varieties, of aprients and peaches are in great demand in the home and foreign markets, and ran both be beaten fresh and industrially processed. Ten varieties, two signatures: Viorica Balan und Antonia Ivayen. The two workmates and collaborators seem to be at present the only women researchers specializing in apricot and peach genetics and improvement in Europe. The exceptional qualities of the new apricot and peach genetics and improvement in Europe. The exceptional qualities of the new apricot and peach growing — Romania, 1981, Verona, 1981, and Budapest, 1985, and in the international horticultural exhibition in Erfort.

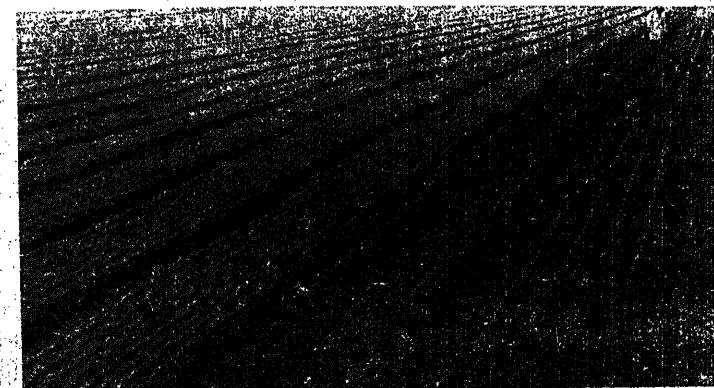
MILENA MHAESCU E

MILENA MIHAESCU B



Specialists of the Mogosonia farm, a research and production unit lying in the agricultural belt of Bucharest, as part of the vege-table- and flower-growling research institute of Vidra, carry out a wide-scope and complex programme of research in the field of mushrooms.

The farm of Mogosodia produces and delivers significant quantities of mycellum to state-run and cooperative farms as well as to many private growers, at the same time supplying specialist dooumentation and assistance.



PERIOD RECONSTRUCTION

Very much as there is a tradition of worthy screenings of Ioan Sinvisi's writings in our chienas, a "Ion Agarbiceanu tradition" has more recently been established too; after Nunta de platri (Stone Wedding) and Duhul aurului (The Spirit of Gold) we can new see another premiere—Fläcari pe canori (Flames on Treasures) by Nicolae Margineanu. The screenplay, "based on Ion Agarbiceanu's works", is signed by writer ion Brad. The epic of this film combines several prose pleess by Ion Agarbiceanu for the explicit purpose of reconstructing by means of a few destines and portruits the early 20th century Transylvanian world with its sociopolitical unrest, with the outbursts and moral and material callapses of the time, with the specific atmosphere of life in the stony land of the Apuseni Mountains.

The scenarist brings to the foreground of the narrative a few characters that hold distinct significances and places in the economy of the conflict. One of the main heroes is the young country schoolmaster vasile Murayanu, animated by the ideal of uniting Transylvania — a Romanian land included in the structures of the Habsburg Empire — with the motherland, Romania, ever since his student years in Biaj. The destiny of this enihushastic and daring young man intersects with that of losif Rodean, the rich owner of the gold mines in the Royla Moutana region: a "magnate of the mountains", wealth— and powererary, whose greed drives him to the brink of total material and moral bankrupicy. Also integrated into the texture of the film is the tragic life story of miner Vasile Mirza, familiar with the scerets of the depting, who is eventually killed by the "apirit of gold" too, as he falls a victim to the criminal plots of the innkeeper, a beautiful but evil, unscruptions woman. the criminal plots of the innkeeper, a beautiful but evil, unscrupulous woman.

These are the fundamental elements of the conflict, while the film's plot is round-ed off by the love story of the young

schoolmaster Vasile Murăyanu and flenuța, a descendant of the Bodean family, by scenes in the life of the minere' of the local aristooracy, of the Rodean clan and by images of the Biaj school, Following this less essentialized scenarie which has a rich epic content, director Nicolae Mărgineanu elequently demonstrates his fine knowledge of the Transylivanian spirit, his reconstruction of a period being accompanied, as usual, by soulful confessions. From the very first sequence, showing the hoisting of the Romanian flag on the califedral tower, the director captures in symbolic images the atmosphere of national clan prevailing during the years that prepared and herelded the Great Union of all Romanians of December 1, 1918. The dominant stress of the film is faid next on the social and human convusions in the world of gold, the flamss (of passion, hatred and secret) on treasures providing the main ciuematic moments.

recusiones providing the main chematic momentals.

Cameraman Vial Pannescu's pholography is a fundamental value of the film, his frances have a remarkable competition, his frances have a remarkable competition of the film, his frances have a remarkable competition of the film, his frances have a remarkable competition of the film where the first two depositions and the state of the film of the first two depositions of the competition of which were eliminatory.

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nia Philharmonio conducted

INNER LIGHT

The two young plastic artists of Blaj, husband and wife Paula and Faul Tudor exhibit again in the Capital at the Municipat Galleries. I'aula Tudor brings a fresh air to her paintings, through the fine lines, the laner light they sommunicate with generality and case. Besides her inimitable flowers, especially white flowers, of a special fruity — the symbol of the sincerlity of an artistic expression full of nuances—the artist also exhibits landscapes, conveases in which the bill, as a character, holds pride of place. We could be talking either of Sirtui Marehill or the "Childhood Hill", the feeling of conumution between the artist and nature is so strong that everything gravitates around this primoval relation.

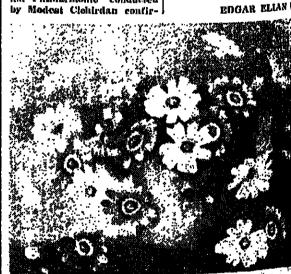
Paul Tudor remains the same observer, full of nuances, of the human soul's inner movement (hence his semilovers) as period of potratis) and the same observer, full of nuances, of the human soul's inner movement (hence his semilowers aspects (hence his landscapes representing cor-



The Romanian Review. A monthly publication of Romanian Review is put out in English, French, German and Russian by the Foreign Languages Press Group "Romania", within the Romanian Press Agency Agerpres. The latest issues put out this year (3/88 and 4/88) are included in the same area of preoccupations concerning the spreading of Romanian literature and art abroad. In general, these two issues include, in their summaries, a first section devoted to original literature, then "Studies and Commentaries", another one "Romanian Values" and a last part including "Encounters" and book reviews. Thus, no. 3 publishes a fragment from the nevel Scaunul singuratății by Fănus Neagu (b. 1932), brought out last year, considered by criticism not only one of the author's best books (if not the best), but also one of the most substantial fiction books written lately.

In its turn, no. 4/88 presents, in the "literature" chapter, a play in two acts by George Geneiu (playwright and theatre scientist born in 1933, editor in other of the Ateneu magazine in Bacâu) — Conversațio in oglindă — Conversațio in the Mirror. The summary also includes three signatures: Gheorghe Viduitescu, Gh. A. Cazan and Nicolae Gogoneață, with articles presentiag philosopher Mirrea Florlan's personality, since whose birth we celebrate 100 years (1888—1860). In the previous issue (3) the Romanian Review commen-

pher Mircea Florian's personality, since whose birth we celebrate 100 years (1888—1860). In the previous issue (3) the Romanian Review commented, in articles signed by Manca Mancson and Ille Badeseu—some aspects of the Romanian sociologist's work Virgli Madgeara (1887—1940). In the section "Encounters" poet Ioan Alexandru (b. 1942) offers an interview to literary critic Milhat Ungheanu, on the occasion of his being awarded a prize in Japan. Also, critic Goorge Munican (b. 1932) makes a series of considerations on Tradition, History and Literature in South-Eastern Europe". In Romanian Review 4, Geo Vasile comments the volume Nuovi poeti romeni issued in Florence, edited and translated by Marco Cagno and Marin Mirca, while Valentina Sandu considers soveral recent successes of young Romanian instrumentalists abroad. We stop here with the review of some titles from the summary but would like of some liftes from the summary but would like to mention the beautiful litustrations (colour plates) — in one issue sculptures by Valentina Bog-lina, a vigorous plastic artist, and in the other one paintings by the delicate Nicolas G. lorga.



IMAGES OF THE FABULOUS

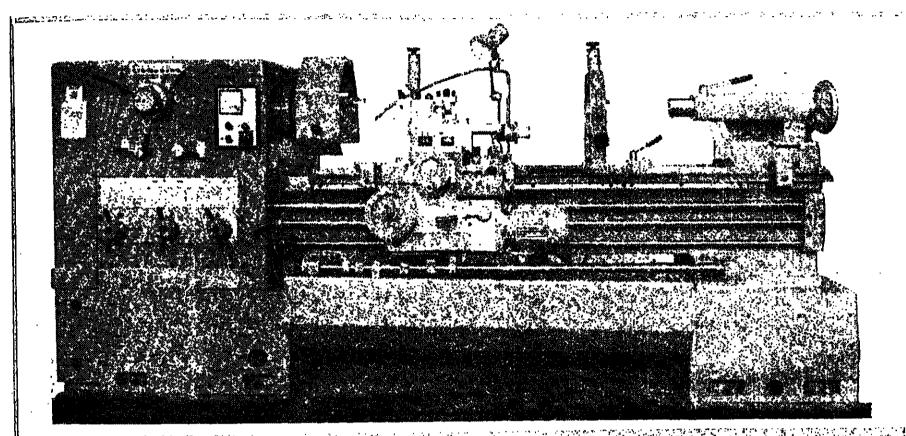
PIATRA NEAMT. Any meeting with Cheorise Vadaua's painting — "Aria" Gallery in Plaint Neamt — has a comforting role. The arisis her longs to the spiritual family of the classic Romanian and the cla Neamt — has a comforting role. The artistiongs to the spiritual family of the classic Romanian stericitor for Creanga, and his attitude toward the real detections for Creanga, and his attitude toward the real detections of Creanga, and his attitude toward the real detections. In both cases he is connected to the fabricus. The source of his landscapes is the same rural tribus. The source of his landscapes is the same rural tribus. The source of his propertion has become an archetigation manufactory with the presenting a flictness of the graphs and also with that of suggrating a flictness typical feeling and also with that of suggrating a flictness typical feeling and also with that of suggrating a flictness typical feeling and the considerable of the suggration of the creation and seeding a flictness to the suggration of the creation and seeding a flictness to the suggration of the creation and seeding a flictness to the suggration of the creation and seeding a flictness that his cultivity late. His gesture sppears now, at his sixth man above as an example for a consciousness that man above as an example for a consciousness that man above as an example for a consciousness that man above as an example for a consciousness that man above as an example for a consciousness that man above as an example for a consciousness that man above as an example for a consciousness that man also our case of the constitution of the constituti

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FREE SUPPLEMENT TO NO 24 (533) JUNE 17 1988

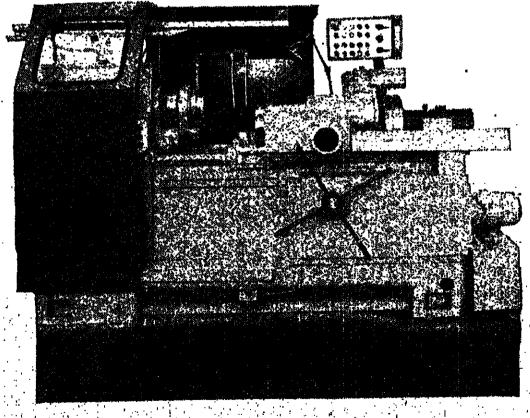


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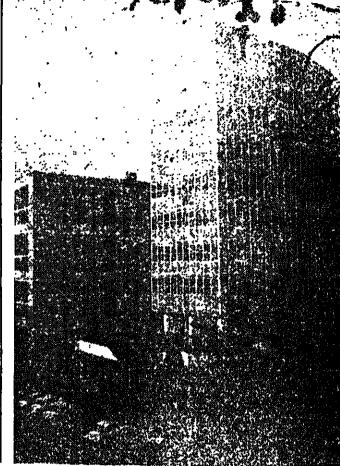
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The fruit of the Vine Me-chanics Endustrial Central's oreative offerts is the active control devices used directly on machine tools. Intelligent devices equipped with dectro-nic blors and fablers, they so



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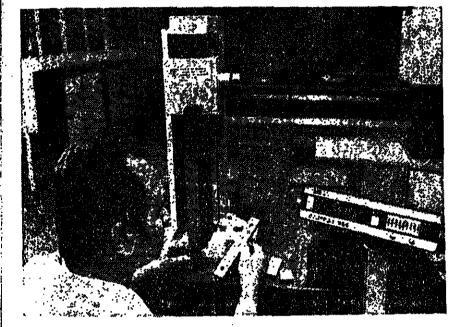
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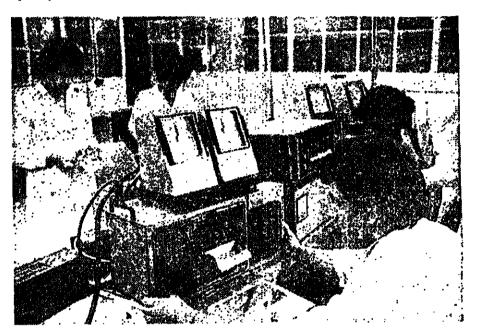
• apparatus and mechanisms of industrial horology • apparatus for the control of thermotechcarbides.

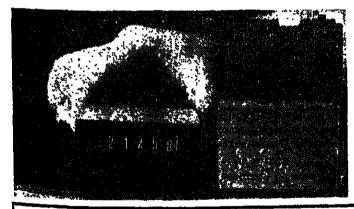
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the tradition and vast experience amassed by the enterprise in its 30 years of existence, its contribution to making its partners' products profitable explain why the IMF products are in great demand in 35 countries on four continents among which Bulgaria, Czechoslovakia, Egypt, France, the GDR, People's China, West Germany, Liberties the Newtoniand Spain the Newtoniand Spain logy apparatus for the control of thermotech-nical magnitudes automation elements for re-gulating pressure and temperature tools, de-







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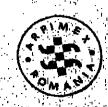
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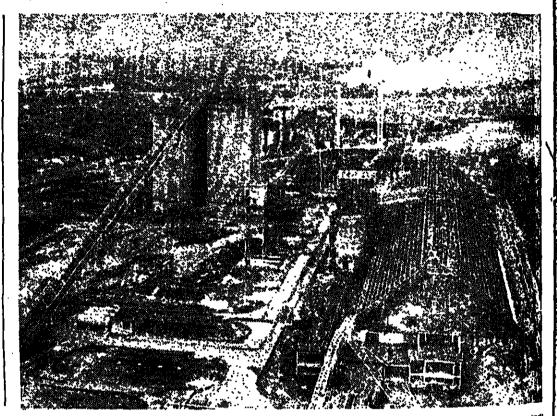
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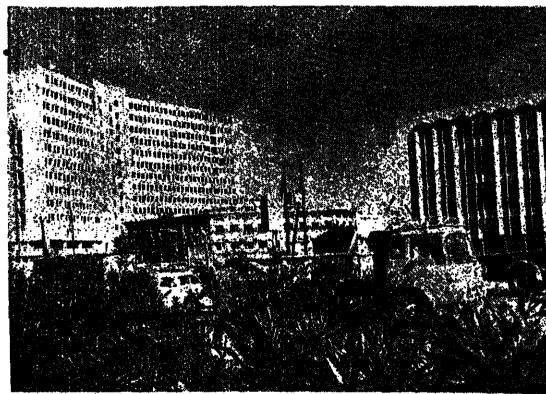
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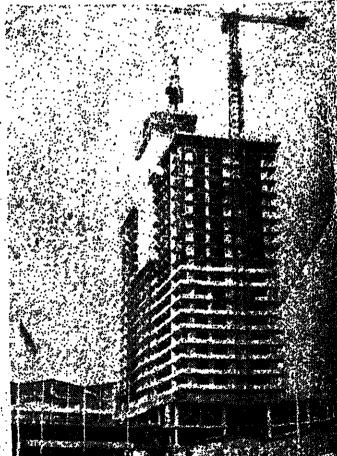
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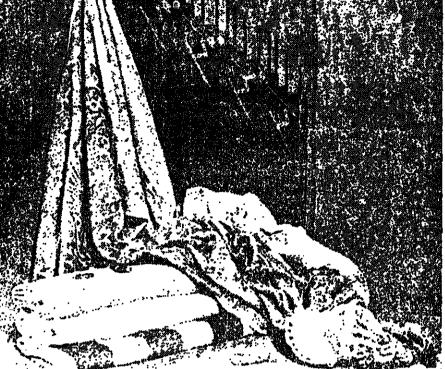




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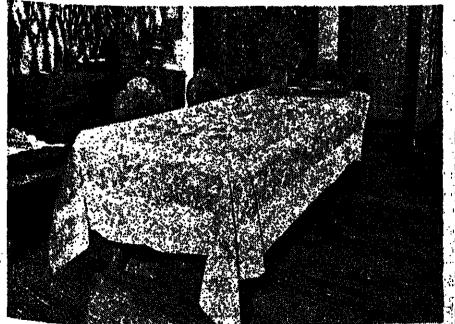


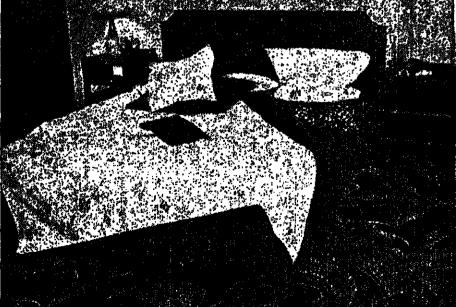
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Lyrical Song", the concert var presented by composer

FINE ARTS

Portrait of a Genre: the

ALEXANDRIA.

The recent book of essays Minima Mornlia by Andrel Pleyn, brought out by Carlea Romannessed Publishing House, it is "minimal" to the extent of the works of the recently departed Constantin Noice, concluded, during the philosopher's life with Logica intil Hermey — Hermey Logic. In the preface and in the last chapter, Andrel Pleya contesses, with misicaling sincerity, that he wrote the book out of the need to find the uniqueness of coherence in the winfrippool of mechanical to explore the "interval between moral obnubiliation and entightenment", to test an "order of looking for order", the technique of walless, pressing fact, that the entire for an answer rather than the rigidity of a strict moral criteriology. That is a decisive step toward the severe moral imprerative as it involves the oniological predestination from the Pascalian aphorism, taken over repeatedly by Noica: "you wouldn't be looking for me moralia is in fact, a presented as he can."



MEETINGS Recently at the Culture Palace in Arad, the Arad Philinermonic (with its guests, Bulgarian conductor Ivan Vulpe and Bucharest plauist Dan Grigoro) performed the closing concert of the "Arad Musical Days" (including symphonic and vocal-symphonic, chamber and choral programmes. reclais and music and poeiry shows, as well as the symphosium "Humanism—the Misin Trait of Contemporary Greation"). In the same period, the 13th edition of "Musical Timisoura" offered and interesting concert by wind instrumentalists of the chamber orphestra of. "Banatut" Philiarmonic under the baton of Remus Georgescu, a rich cycle of events organized under the sagis of the Socialist Culture and Education Council, by the local fora and institutions.

MUSICAL

ROMANIA ABROAD

PEOPLE'S CHINA. On Romania's Roads is a reportage book written by Fan Blua and illustrated by Seng Finally, the Army's Publishing House has revised and republished in 1982.

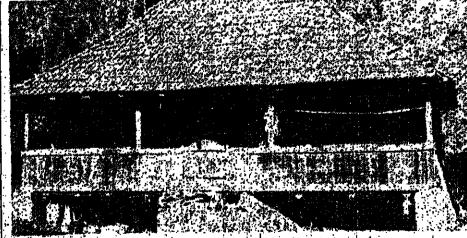
Finally, the Army's Publishing House has released the volume The Economy and the National Defence, by Li.-Col. Simion Personal Re-Hua: "May the flowers of the Carpathian art bloom more beautifully on the Great Walt". Chen Zhining sings the io the volume which acquains a readers with date of the Romanian is listory, the remarkable eucoesses wer the last few years as well as with and with the remarkable successes.

tries.

f volume, Notes from My Visit to authored by art historian Hau inly focuses on topics related to anian people's history and art and measures and all and contours. museums and old and contem-manian art.

Beyne Publishing House in Talyuan, i prevince has released Livid. Reus novel for in a Chinese version in Schen Kowen, a fine complisseur miniam. The translator also whole a infroduction including data from the Romanian prose writer's biography certinent observations regarding Reus work, facilitating its better underten in the Chinese cultural context, onworthy is that in 1950 a first Chi-

FRANCE. Recently added to Romanian sculptor Marcet Guguianu's the 1922) fine record is his participation in the prestigious spring international salon bosted by the Grand Palais of Paris, Izvourably remarked by the specialized critics. This is his second participation in the event (the first one was in the autumn salon), which baves the rodd to his wing ning the overed this of full member of this international fine aris forum. His participation is, a preinde to the up-coming refreepastive to be staged in Rodfordam, where the sculptor will exhibit works which in the course of time have featured in his one-map or international group shows. Recent works will child and of the exhibition. As an illustration of the esteem enjoyed by the artist, a stamp reproducing one of his marble works has been kased, by the Republic of San Marino, fausous for its numination and philately.



VILLAGE ARCHITECTURE

After the varishing of "Traditional Architecture — a Defining Element of the Least Specific", exhibition organized under the acgis of the Socialist Culture and Education Council, the Village and Folk Misseam in Bucharest Easted a lucture fession with popeal themses; "Capitalization, systematization and Moderntzation in the Villages" New Architecture — With a View to Elaborating Designs, for Rural Establishments, Af the same time, a presentation of clothes of folk impiration by the Architecture was also a meeting with Gorfa sons, to which ensembles from Tirgu. Its and Motra wore invited.

• ROMANIAN

• ROMANIAN N

COMPUTER SIMULATES WISIOM AND BREATH

of experis of the Automatics Faculty in Bucharest headed by professor ton Dunnitrache has focused on the study of the sight and breathing functions.

As early as 1973, the team to-

gether, with ophtalmologist Dr. Marien Dumitrache, head of the ophialmological clinic of the Colentina bospital, has approsched the question of eybernotic modelling of the visual system, with a view to identifying the real behaviour of this complex and delicate biological system. Starting from the anatomic-phy-stological qualitative character-ization. Dr. Marica Dumitrache iration. Dr. marica Dumitrache has identified the afferent subsystems of the pupillary section control, the control of the eye globe movement and of the acquisition and processing of the information by the retina and nervous system. The mathematical characterization and singular lation on the computer of these subsystems—and of the whole system have made it possible to grasp the mechanism of sight, with applications in the achievement of performing systems of artificial sight, highly important in the desining of high-performance robots and of control and shaue-recognition systems.

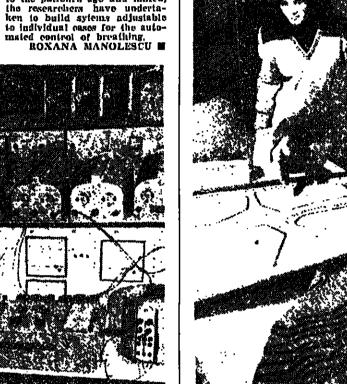
niance robots and of control and shape-recognition systems.

On the basis of the knowledge accumulated, the team of experts has started building acquisition and information systems through the artificial sight mechanism. These systems make it possible to collect with enhanced accuracy the data defining objects lying the in space of aution of a robot. There is no question of a rathful copying of the whole mechanism of sight, which for the time being it doomed to failure, but of building equipment structures alilding equipment structures allowing of the acquisition of vi-

A second line of action of the team, concerning the achievement of performing systems for the automated control of breathing in anaesthesia and intensive therapy, has materialized following the collaboration with professor George Litarcek, head of the intensive care section of the Fundent hospital.

On the basis of the chemical data and taking into consideration the anatomic-physiological processes, mathematical models have been built for the quantitativa characterization of the breathing function. Taking into acount the variation of the mathematical model obtained according to the individual anatomic-functional characteristics, to the patient's age and milleu, the researchers have undertaken to build sytems adjustable to individual control of herealists.





BIOCHEMICAL STUDIES

Romanian researchers in the realm of blochemistry have been systematically studying over 300 species of plants in the spontaneous and cultivated flors with a view to enlarging the raw material base for the pharmacentical industry. Special attention has been paid to boxthorn, a shrub containing vitamins, ethereat oils, aikatolds, etc. The boxthorn extracts have proved both experimentally and citatently mast efficient in the rapid healing of wounds, in ophtainological, hopatic, remail arieffal treatments. The carofondid substances in boxthorn have been successfully used in boxmetting and the food industry. Dietelia and fonte preducts have been assimilated in production. Another plant too, Adonts, has proved to be rich in carotential substances. The Rumanian experts are studying this plant together with the blochemists of Ricole Island University of the USA. They pursue to work out intensive growing technologies and the plant's genetic melipration. It seems Adonts negtivallis is a plant of great economic value.

The institute of Agronomical Research of Ciuj-Napora studied the possibility of ingreasing the content of substances of medical content with ordinary Plants such as maize, wheat soy, gic. Obtained were lines and bybridg of maize which contain increased quantities of provitamin carpiene.

HIGHER CAPITALIZATION OF RAW MATERIALS

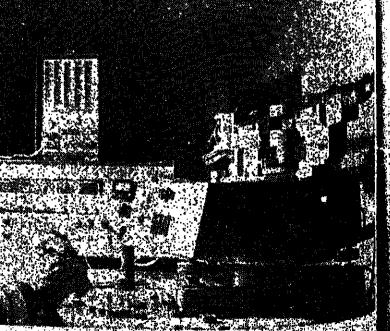
Romanian experts have devi-act community profitable technologies of extracting useful substance; from low-grade oroz, especially zircontum ,titaoro, especially zirconium, titanium, manganese, niobium, gallium, scientum, telurium, niekel and others used in high-tech branches such as microe-betro-nies, nuclear power and the acrospace industry. Resently concluded studies hold out the possibility to capitalize on potassicore deposits. The technological method worked allows of obtaining several substances such as potassium chloride, magnesium exite, paster, a.o. from ores having barely a few grades of useful substance. Another success is substance. Another success is the original technology of turn-ing to acount the rare earths in

the alluvial sands having a poor content of useful elements. This technology makes it possible to extract sizable amounts of tituextract sizable amounts of litanum and zirconium. One the
basis of these raw materials,
teams made up of scientists and
industry practitioners have developed highly valuable finished products a allow, pipes, sais,
oic. Other multidisciplinary rescarches have also led to the
finalization of manufacturing
technologies for various construction materials such as comont enriched with thermopower station ashes.

Currently under way are rescarches pursuing the collecting
and industrial use of waste subsiances from industry, power
generation, etc. New, efficient
technical solutions have been

applied for the extraction a useful substances from the paguess of the Bragadiru eletion power plant, the non-tension entailurgical enterprise of Ziutan, Copya Mica, Bala ilia. a.o. Useful mineral substantiave also been extracted the ugh original methods from pothermal waters, city waste view, mud-secting ponds and pitting depusitions. ing depositions.

Top and centre; The last tute of mines and miss equipment engineers in Bai Mara; left; water restual station; below; Bala Bari mining research centre



THE HEALTHY AN ANTI-POLLUTION STUDY

MANYS TOLENS

The International Federation defines sports medicine as a clinic of the healthy man, a branch of preventive medicine which studies with its own means the physical exercise associated with environmental natural factors, to the effect of contributing to the correct formation of certain skills and the harmonious development of the human being (the formative function), to the prevention of diseases and traumatisms, as well as of efforts of any kind, including those imposed by the professional activity (the prophylactic function), to the maintenance of a morpho-functional balance with middle-aged people and to the recovery after work (the maintenance and restoration function), to the treatment of sequelae of affections or iraumatisms (the recovery function), thus directly intervening in raising the sanogenetic standard of the population, that is importing the quality of the social environment as a pathological incorping the influence of the dwelling and of the working conditions, urbankation and pollution phenomena. This discipline also deals with the correction of deviations from the normal morphological or functional behaviour with old people (the corrective function). lenal behaviour with old people (the corrective function).



At the same time, by making a thorough analysis of methodological and blological expects of sports training, this discipline aims at improving the function of the human body through an adequate adaptation to the siress represented by the psycho-physical effort, ensuring a scientific support able to help blain great sports performantes. Naturally, throughout six decades of existence of the International Federation of Sports decades of existence of the Iulevational Federation of Sports
Medicine, various tendencies
have been manifest, some of
them identifying sports medicito with the pathology of effort
and recovery, others with the
physiological or biomechanical
analysis of the physical effort.
This is not the place to go into
details, yet we shall mention
that from the confrontation
with time and relying on the
efficiency scored so far, including that obtained by turning
to account the rich information
of a state-of-the-art fields, such
a acrospace medicine, sports of a state-of-the-art fields, such as aerospace medicine, sports medicine seems to be ahead of the medicine for everyone from the scientific point of view, a fact which can be explained by taking into consideration the record-breaking "mirage", the leap of biological performances on sports grounds, as well as the intensive research made in almost all the countries known to have preoccupations in this field. We can already speak about the generalization of conclusions, facts, etc., and about a transfer of the biological becefit obtained in professional sports at the level of entire populations, we can speak about the generalization of continuous and the level of entire populations, we can speak about the generation of the biological continuous and the level of entire populations, we can speak about Populations, we can speak about an adaptation to environmental factors, nutrition-medication, recovery after effort, etc.

CHARLES CONTRACTOR STATE OF THE ROMANIAN FIRSTS IN THE FIELD OF BIOMEDICAL SCIENCES

The question of assessing, preserving and promoting the state of health is a major goal of the Romantan medical and sports assistance materialized also in the prompt assimilation of nevettes produced by biomedical sciences. The usage of updated technologies allowed not only a very exact valuation of the sanogenotic standard, but also the establishment of the sanogenotic standard, but also the establishment of resumption of the sports activity, following an acute affection (viral hepatitis, neuropation (viral hepatitis, neuropation see, sic. The complex methods of hepato-fenal prognosis have been sauclioned and published in Romania, being now accessibility units; representing a dualitative interease in defending the population's health. Similarly, the measurement of various levels of adipose tissue at various levels of the lody surfaces with the help of an adipo-



Conceived by the laboratory of anthropoology of the above-mentioned centre, this method is very important for the world sports medicine, but also for pathology clinics (diseases of nutrition, metabolism, endoorinology, cardiology, a.o.), because we are not indiferent to whether the surplus of kilograms of a patient is added at the expense of the adipose tissue or of

centimoter (produced by the Centre of Sports Medicine in Bucharest in collaboration with the Fine Mechanics High School in the same city) and the introduction of these data in the computer offer the relative and absolute percentage value in kilograms of the active mass, of the adipose tissue and finally, of the best body weight. Conceived by the laboratory of anthropology of the above-men-Partie (1982) 1777 1761 1284 2 200 148 -CAPACITY STUDIES

Another object of the Roma-nian sports medicine is the de-finition of the functional state and of the effort capacity. The two notions which intermingle begin to find their place in the exact definition of the health condition. Indeed, it is hard to admit loday that a healthy per-son can have a low capacity of effort (aerobic, for a long pe-tind, or anacrobic, taking a few

econds) or that he has an luadequate, non-economic, unba-lanced functional state. As a matter of fact recent studies have established a close corre-lation between the effort capa-city and the notion of health, or between the effort capacity and longevity. In our opinion a 82ries of eardio-vascular functio-nal tests (for instance the Ruf-fler test) or indirect tests, as-sessing the maximum aerobic power (the organism's capacity power (the organism's capacity to redst efforts taking four, five or more minutes), should be introduced in the current medical practice, the same as itealthy people, both young and old, should be advised to use the Astrand or Cooper tests which, though superficial, are yeary useful in assessing a nervery useful in assessing a per-son's health condition.

MEDICINE HAMD

Control of the State of the Sta

Physical activities are usually

Physical activities are usually carried out in the open. From this point of view the sports efficiency is influenced by the environment understood as a macro- or micro-climate. The organization of sports competitions in variable natural conditions — from the sea level to silitudes of three or four thousand metres — has determined sports medicine to undertake bioclimatic research on branches of performance in order to establish the effect of these factors on the competitive level, on the biological potential and the adaptation mechanisms. The studies made in Romania on the occasion of the Olympies held in Mexico, provided extremely useful answers for high performance sports ovents, but also certain compulsions concerning the belio-marine and mountain oure for healthy people or people suffering from frequently neglected affections. For instance, now we know that the sea is a stimulating climate and, consequently, it has to be avoided by sportsmen during competitional seasons, that hilly

and forest areas (600—1,000 m) offer an excellent framework for recovery after stress or too much effort, that the climate is stimulating at an altitude of 1,800—2,400 m. In the sense that after three weeks of training the sportsman acquires an in-creased capacity of effort which is maintained in the plain. W.h. the exception of the first seven the exception of the first selven or ten days of re-acclimatization, marked by certain functional disorders. From these tenths, verified by us also in 1811 at the Los Augeles Suntae Ditaples, we started to apply certain conclusions on a fiven number of such and provisional eategories. Thus, the who are tired or exhausted from two much work should spend their vacuation on the year hore. their vacation on the senthern or at attitudes of over 1.200 m only after a period of recovery in a moderate area, of 600–800 m in height. In the case of heart, hepato-renal, endocrine, therefold regressively, affec-

hear!, hepato-renal, ondoerine, thyroidal, neuropsychic affections, the cure of rest should be undergone only in the plain or at an average allitude, excluding the possibility of chosing one of the extreme climates.

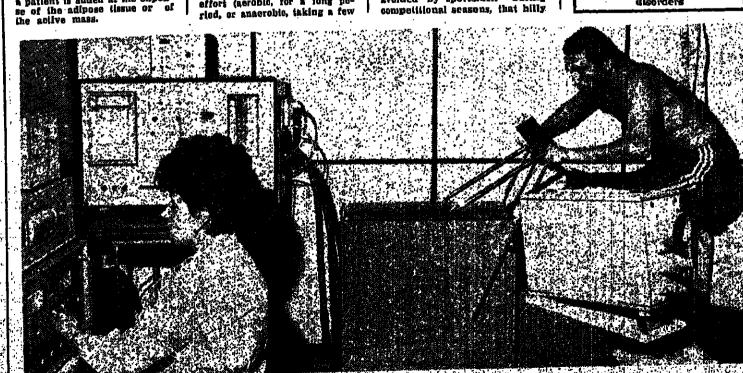
As far as the people suffering from physical debilities are concerned, especially young perplo with sequelue after pulmonary affections, they should opt for a "biological doping" of three or four weeks in a hilly area. On the contrary, the carriers of rheumaile sequelae will have to avoid average allitudes where the climato is more humid.

humid.

These are firm conclusions obtained through a minute research carried out by the Romanian Centre of Sports Medicine and which have broadened the prospects of the best treatments for the preservation of the population's benith.

Associate Professor Doctor IOAN DRAGAN Director of the Centre of Sports Medicine in Bucharest

Images from the consulting rooms of the sports medicine centre in Bucharest, Besides researches into sports performances, doctors provide physical recovery and correction treatments for morp-hological and functional disorders





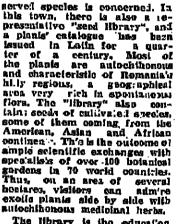
HIPPOCRATES IN A BOTANICAL GARDEN

MARIAN CONSTANTINESCU Photo: V. MOLDOVAN



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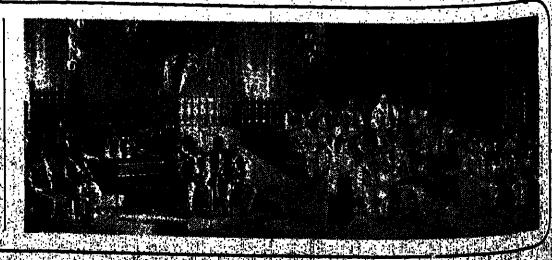




CONTEST FESTIVAL

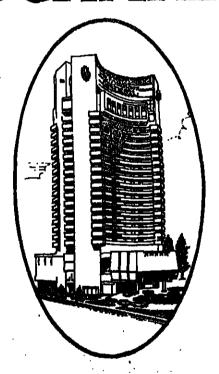
Every two years, the capital of Polycounty, Cratova municipality, books, — and this has become a tradition — at the end of May, the Maria Tanase Testival and contest of Romanian folk singers. Organized for the first time two decades age, in the memory of the greatest Romanian folk music performer, Maria Tanase, the event has become a fertile francowork for the discovery assertion and consacration of interpretive values of folk music in all Romanian folk contres.

The recent tenth, jubice edition, hested between May 22 and 37 was, like the previous editions, a complex of events earlied out at the same time the Potters Fair in the whole Olicula area, a lecture seasion on the capitalization of folk songs, a Romanian costume and dance parade, d. like same time, a series of artistic events, in which tens and (one of vocal and instrumental solution from the whole country se well as homeone in Romanian cost and instrumental solution from the whole country se well as homeone in Romanian Doly solitations.



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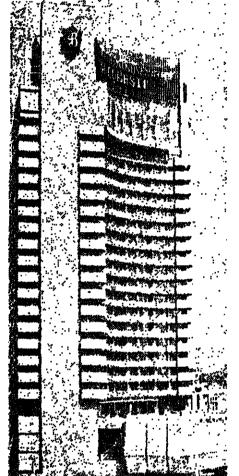
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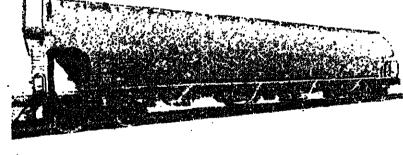
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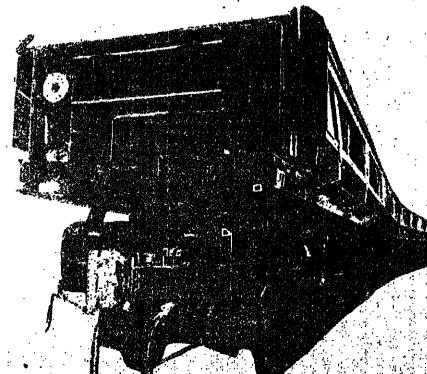
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